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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Martin Schautt

SERIAL NO.: 10/059,223

FILED: January 16, 2002

FOR: Drilling Head of a Rock Drill

EXAMINER: Jennifer Hawkins Bay

GROUP: 3672

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

#98  
Ch. D.S.  
E. Hawkins  
11/18/03  
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NOV 06 2003  
**GROUP 3600**

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 CFR sections 1.97 and 1.98, applicant respectfully requests that the documents listed on the attached form PTO-1449, be made of record and considered in connection with the examination of this application. Copies of the listed document are enclosed. A translation of the foreign language document(s) is not readily available.

The documents submitted herewith were cited in a Search Report (copy enclosed) issued in a European application corresponding to the above-referenced application.

10/29/2003 SDENB081 00000144 500955 10059223  
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U.S. Patent No. 6,283,232 (corresponds to EP-1 045 112) cited in the Search Report) discloses a rock drill.

European Publication EP-0965 405 A2 discloses a drill having an elongate stem with at least one helical groove for removal of drillings. At a stem end remote from the drill shank, there is provided a drilling head (1) having at least two grooves (3) connected with the helical groove provided in the stem. A plurality of bits is provided in the end surface (2) of the head (1). The bits include a centering member (6) with a tip (7) that coincides with the drill axis, at least two circumferential bits (4) arranged diametrically opposite with respect to the tip (7) and axially offset relative thereto. The centering member (6) is plate-shaped and is secured in a groove (12) communication with at least one of axial grooves (3). The centering member (6) also includes a central bit (8) encompassing the tip (7). The central bit (8) extends along the groove (12) and forms with one of the circumferential bits an angle from 30° to about 150°.

German Publication DE-40 12 772 A1 discloses a drill head (1) with a one-piece, hard metal insert (2) with four radially extending bits (5) and a centering tip (4). A groove (6) is formed between the tip (4) and each of two diametrically opposite with respect to tip (4), bits (5).

The Commissioner is hereby authorized to charge the fee, in the amount of \$180.00 and any other further fees, which may be required under 37 C.F.R. §1.17(p), to our Deposit Account No. 50-0955.

Respectfully submitted,

Alexander Zinchuk  
Alexander Zinchuk  
Reg. No. 30,541

Dated: October 24, 2003  
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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail and addressed to: Commissioner for Patents, Alexandria, VA 22313 on October 24, 2003.

Alexander Zinchuk